

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of the claims:

1-38. (Cancelled).

39. (Currently Amended) An emulator ~~to provide a source of signals for use in~~ a printing system, the printing system having a controller and being configured to receive that exchanges information with a memory device mounted to an ink container missing a memory device coupled thereto containing an initial ink, the emulator being configured to emulate the missing for emulating the memory device and comprising:

an electrical signal source separate from and not coupled to the ink container for exchanging information with the controller; and

a flexible cable ~~which~~ operatively coupled to the electrical signal source and configured to electrically connects the electrical signal source to the controller.

40. (Previously Presented) The emulator of claim 39, wherein the ink container is a refilled ink container containing a replacement ink different from the initial ink and wherein the electrical signal source includes information the printing system interprets as an ink volume associated with the replacement ink.

41. (Previously Presented) The emulator of claim 39, further comprising an ink reservoir containing the replacement ink, the ink reservoir remotely located from the replacement source of signals.

42. (Previously Presented) The emulator of claim 39, wherein the electrical signal source is a signal-providing circuit that enables the printing system to operate whenever an ink reservoir is coupled to the printing system.

Amendment and Response

Applicant: Winthrop D. Childers et al.

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Docket No.: 10971935-17

Title: INK DELIVERY SYSTEM ADAPTER

43. (Currently Amended) A replacement source of signals for a printing system, the printing system having a receptacle for receiving a first ink supply, a controller which exchanges information with a first memory device coupled to ~~associated with~~ the first ink supply, and an ink supply inlet fluidically connected to a printhead, the replacement source of signals comprising:

an electrical signal source for exchanging information about a replacement ink supply with the controller, wherein unlike the first ink supply the replacement ink supply does not have a memory device coupled thereto; and

a connector for electrically connecting the replacement source of signals to the controller ~~in an operation separate from any coupling of the replacement source of ink to the printing system.~~

44. (Previously Presented) The replacement source of signals of claim 43, wherein the electrical signal source includes information regarding a volume of the replacement ink supply.

45. (Previously Presented) The replacement source of signals of claim 43, wherein the electrical signal source contains a memory device which has a write portion which is adapted to be updated by the controller to provide an estimate of a volume of the replacement ink supply during usage of the replacement ink supply.

46. (Previously Presented) The replacement source of signals of claim 43, further comprising a flexible cable electrically connecting the connector and the electrical signal source.

47. (Previously Presented) The replacement source of signals of claim 43, further comprising a fluid outlet in fluid communication with the replacement ink supply.

48. (Previously Presented) The replacement source of signals of claim 47, wherein the fluid outlet is adapted to be received by the ink supply inlet.

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49. (Previously Presented) The replacement source of signals of claim 47, wherein the fluid outlet is remotely located from the ink supply inlet.

50. (Previously Presented) The replacement source of signals of claim 49, wherein the fluid outlet is fluidically connected to the ink supply inlet via a flexible fluid conduit.

51. (Previously Presented) The replacement source of signals of claim 43, wherein the electrical signal source is remotely located from the replacement ink supply,

52-72. (Canceled)